

**FIG. 1**

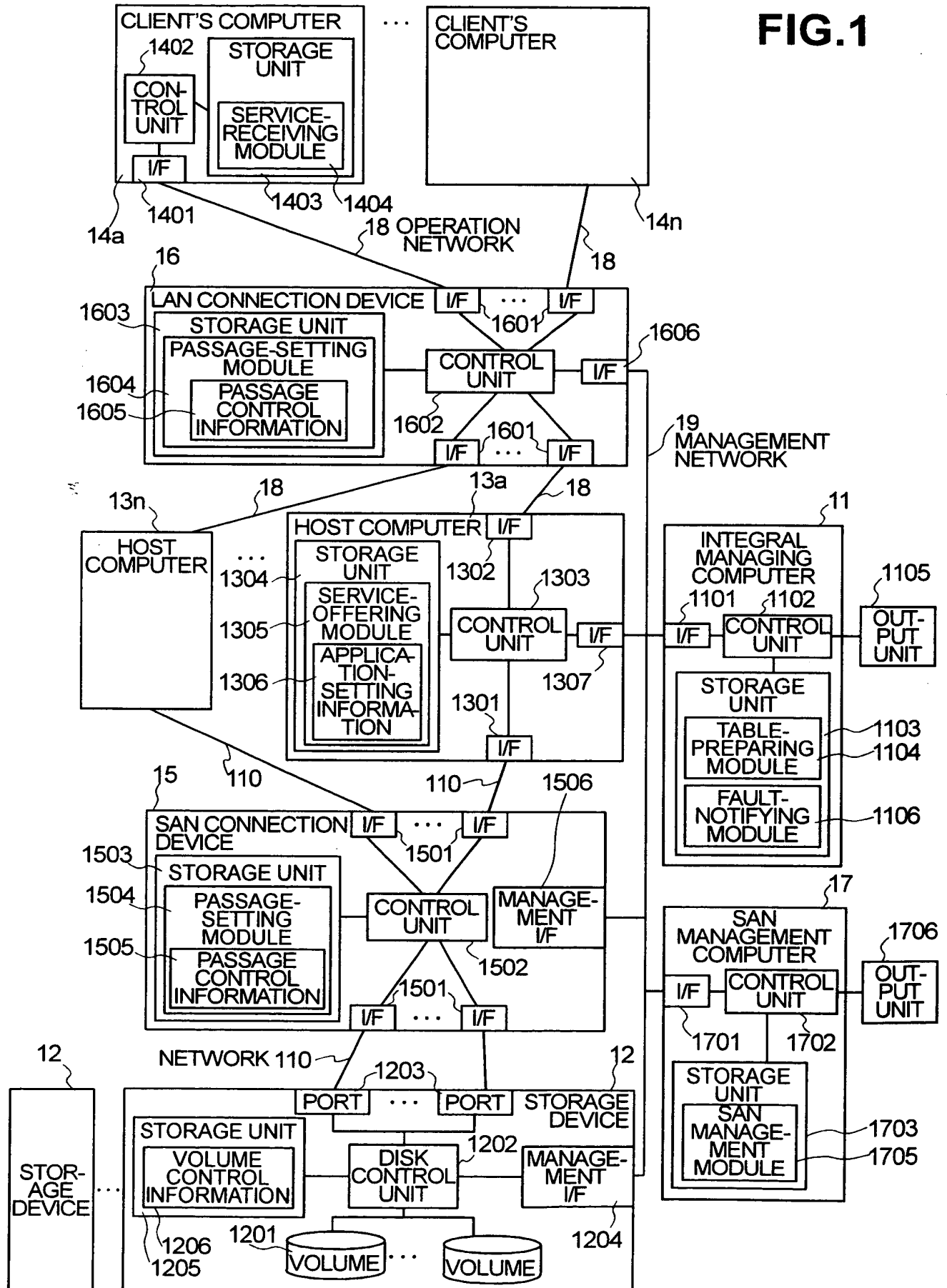
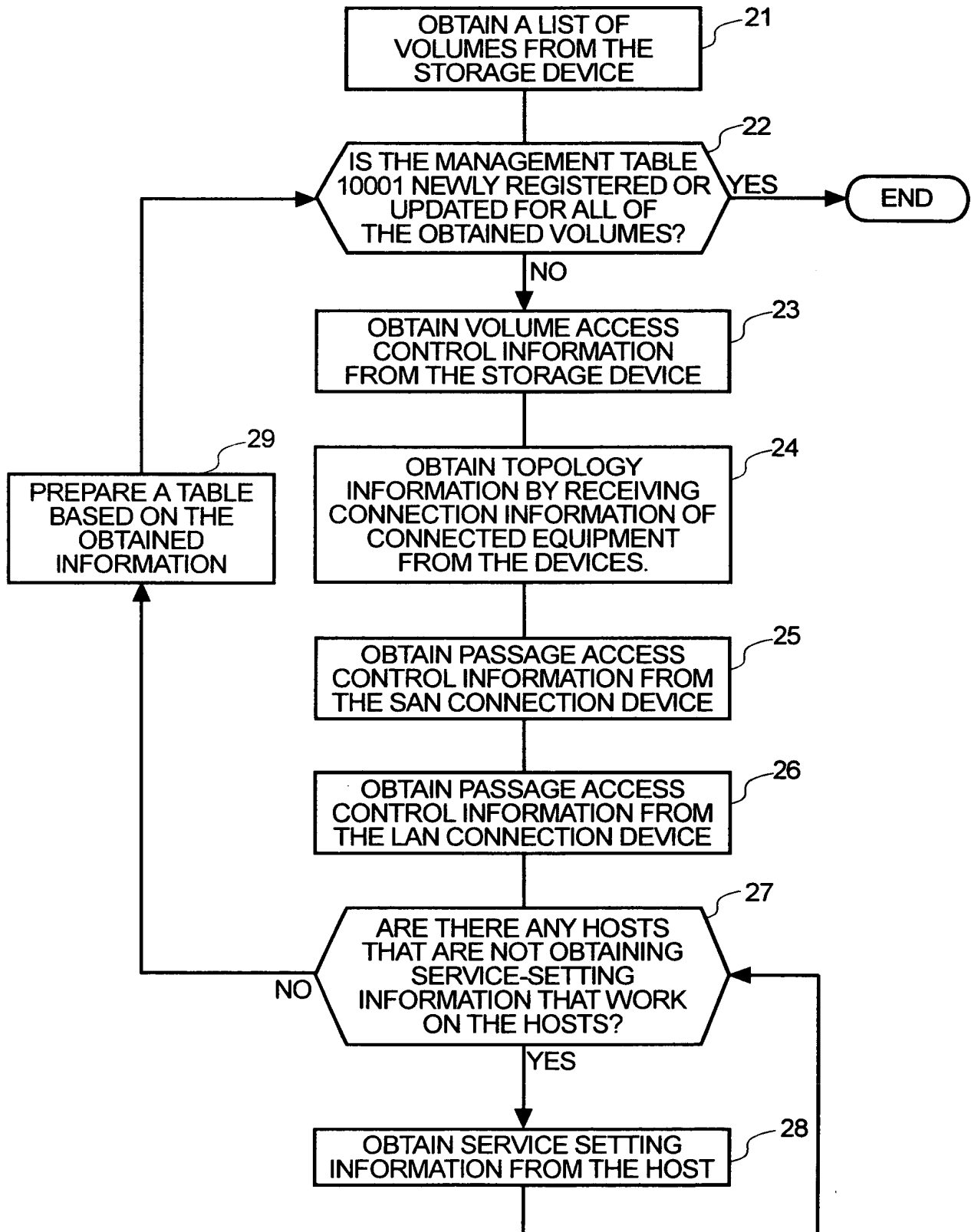


FIG.2



## FIG.3A

### VOLUME ACCESS CONTROL INFORMATION

NAME OF VOLUME <span style="float: right;">31</span>	NAME OF HOST <span style="float: right;">32</span>
VOLUME 1	HOST A
VOLUME 2	HOST A, HOST B
VOLUME 3	HOST C
.....	.....

## FIG.3B

### VOLUME STATUS INFORMATION AND PERFORMANCE INFORMATION

NAME OF VOLUME <span style="float: right;">31</span>	STATUS INFORMATION <span style="float: right;">33</span>	PERFORMANCE INFORMATION (I/O NUMBER/ms) <span style="float: right;">34</span>
VOLUME 1	PHYSICAL FAULT	0
VOLUME 2	WRITE INHIBITED	120
VOLUME 3	ACCESSIBLE	350
.....	.....	.....

## FIG.4

### PHYSICAL CONNECTION INFORMATION

NAME OF INTERFACE <span style="float: right;">41</span>	NAME OF INTERFACE TO BE CONNECTED <span style="float: right;">42</span>
00.00.00.00.00.00.00.01	00.00.00.00.00.00.00.04 00.00.00.00.00.00.00.05
00.00.00.00.00.00.00.02	00.00.00.00.00.00.00.06
00.00.00.00.00.00.00.03	00.00.00.00.00.00.00.07 00.00.00.00.00.00.00.08
.....	.....

## FIG.5

### PASSAGE ACCESS CONTROL INFORMATION

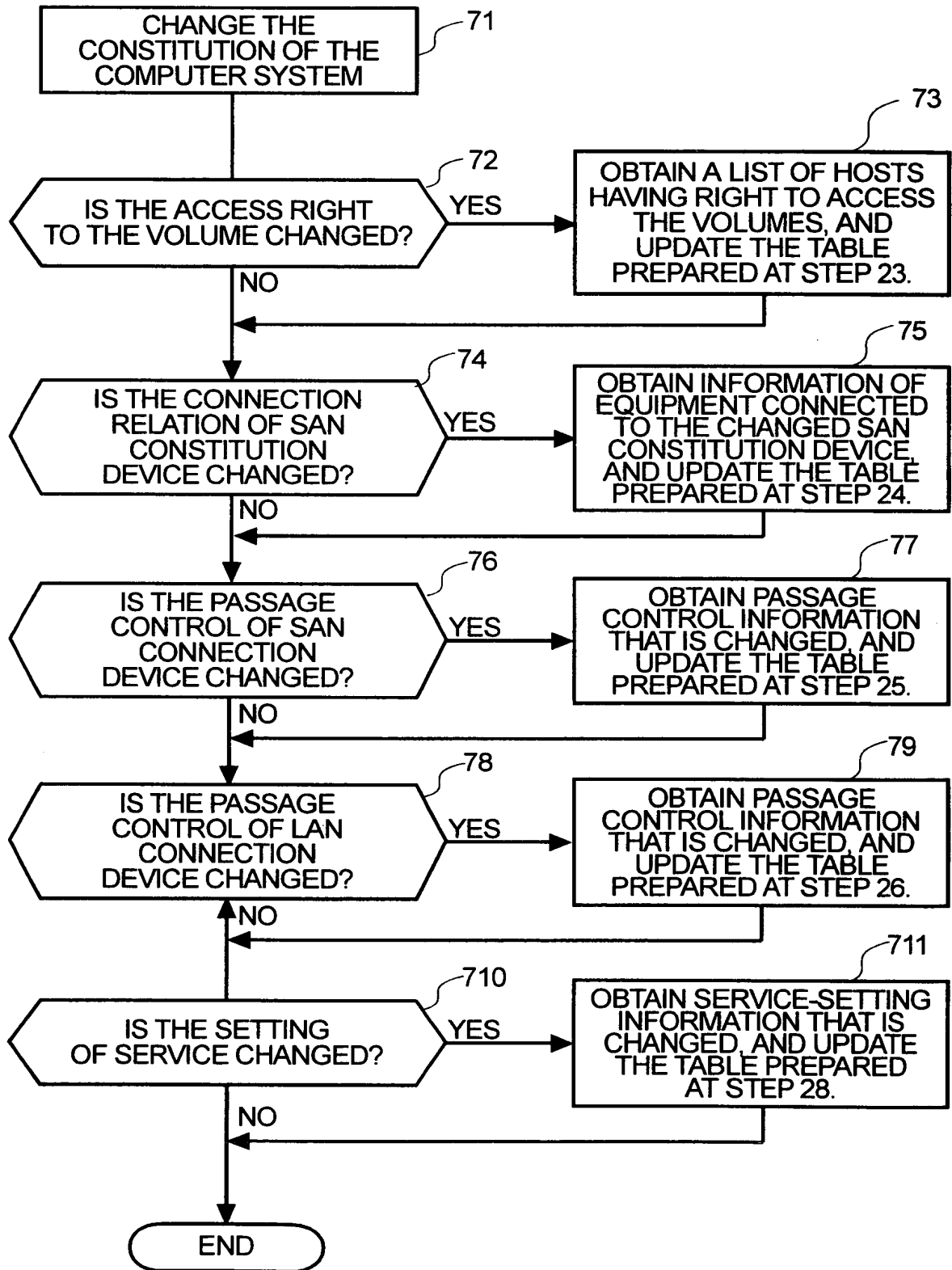
NAME OF INTERFACE	NAME OF COMMUNICABLE INTERFACE
00.00.00.00.00.00.00.01	00.00.00.00.00.00.00.04
00.00.00.00.00.00.00.02	—
00.00.00.00.00.00.00.03	00.00.00.00.00.00.00.08
.....	.....

## FIG.6

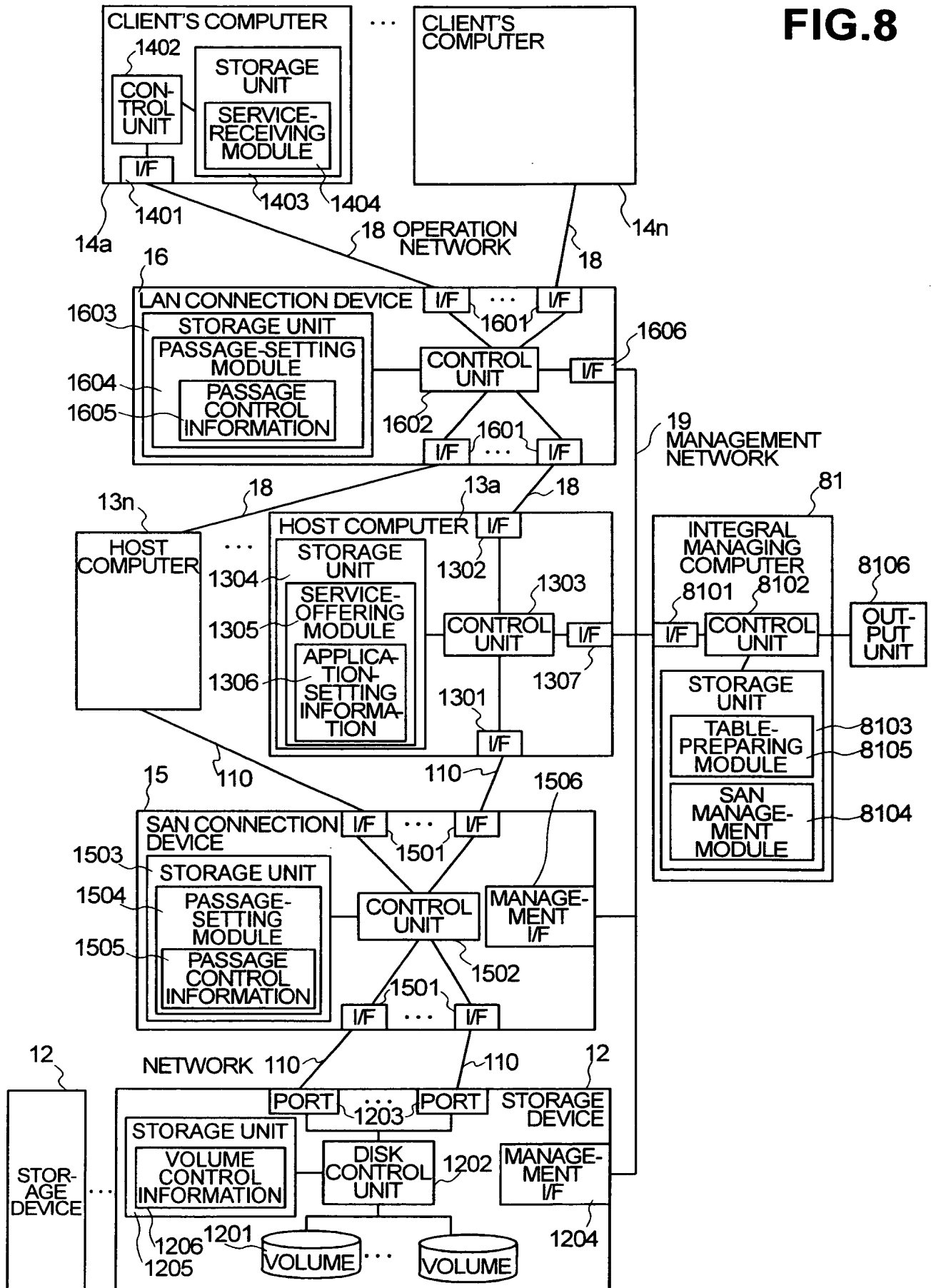
### APPLICATION-SETTING INFORMATION

NAME OF HOST	NAME OF SERVICE	NAME OF CLIENT	NAME OF ACCESSIBLE VOLUME	...
HOST 1	FILE SHARING SERVICE	CLIENT 1, CLIENT 2	LUN 1	.....
HOST 1	WEB INSPECTION SERVICE	CLIENT 2, CLIENT 3	LUN 2, LUN 3	.....
HOST 2	TIME SERVICE	ALL CLIENTS	LUN 4	.....
	.....	.....	.....	.....

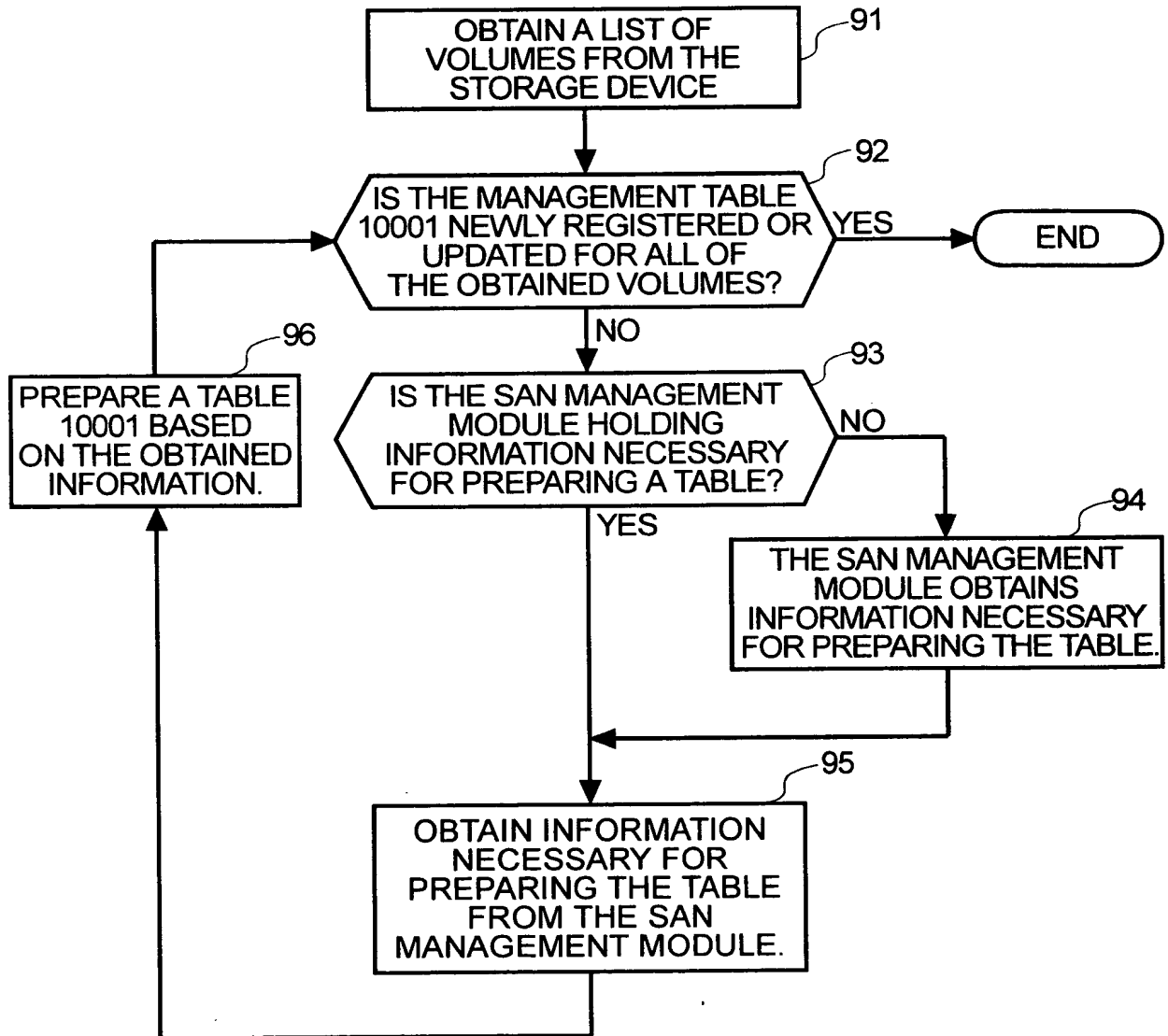
FIG.7



**FIG.8**



**FIG.9**



## FIG.10A

MANAGEMENT TABLE

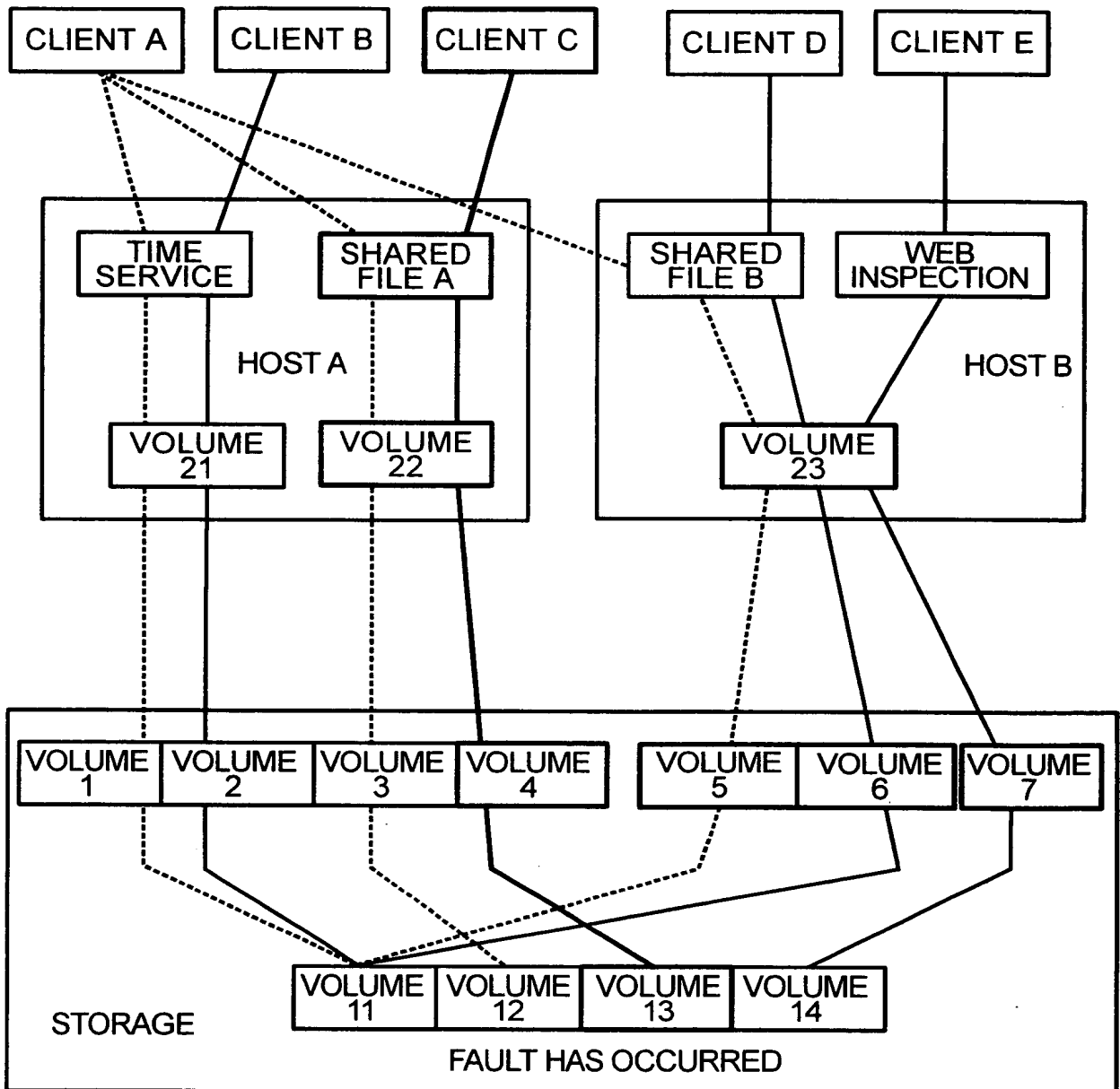
100011 NAME OF CLIENT'S COMPUTER	100012 NAME OF VOLUME USED (LU)	100013 STATUS INFORMATION AND PERFORMANCE INFORMATION OF LU (UTILIZATION PERCENTAGE)	100014 NAME OF HOST COMPUTER OFFERING THE SERVICE	100015 NAME OF SERVICE OPERATING ON HOST COMPUTERS	.....
CLIENT A	VOLUME 1	PHYSICAL FAULT	HOST A	SHARED FILE A	.....
	VOLUME 3	50	HOST A	TIME SERVICE	
	VOLUME 5	PHYSICAL FAULT	HOST B	SHARED FILE B	
CLIENT B	VOLUME 2	PHYSICAL FAULT	HOST A	SHARED FILE A	.....
CLIENT C	VOLUME 4	10	HOST A	TIME SERVICE	
CLIENT D	VOLUME 6	PHYSICAL FAULT	HOST B	SHARED FILE B	
CLIENT E	VOLUME 7	WRITE INHIBITED	HOST B	WEB INSPECTION	
.....	.....	.....	.....	.....	.....

## FIG.10B

MANAGEMENT TABLE

NAME OF SERVICE OPERATING ON HOST COMPUTERS	NAME OF VOLUME USED (LVEV)	STATUS INFORMATION AND PERFORMANCE INFORMATION OF LVEV (EMPTY CAPACITY)	NAME OF HOST COMPUTERS OFFERING THE SERVICE	NAME OF VOLUME ON THE HOST TO BE USED	.....
SHARED FILE A	VOLUME 11	PHYSICAL FAULT	HOST A	VOLUME 21	
	VOLUME 11	5	HOST A	VOLUME 21	
SHARED FILE B	VOLUME 11	30	HOST B	VOLUME 23	.....
	VOLUME 11	5	HOST B	VOLUME 23	
TIME SERVICE	VOLUME 12	50	HOST A	VOLUME 22	.....
	VOLUME 13	35	HOST A	VOLUME 22	
WEB INSPECTION	VOLUME 14	WRITE INHIBITED	HOST B	VOLUME 23	
.....	.....	.....	.....	.....	.....

**FIG.11**



# FIG.12

## MANAGING PERSON ACCESS CONTROL INFORMATION

121 MANAGEMENT ID	122 VOLUME THAT CAN BE MANAGED	123 COMPUTER THAT CAN BE MANAGED	...
MANAGING PERSON 1	VOLUME 1, VOLUME 3, ...	HOST 1, CLIENT 1, ...	.....
MANAGING PERSON 2	VOLUME 12, VOLUME 24, ...	SWITCH 1, CLIENT 2, ...	.....
MANAGING PERSON 3	VOLUME 23, ...	ALL CLIENTS	.....
	.....	.....	.....

**FIG.13**

